

**GOVERNMENT OF INDIA
CONSUMER AFFAIRS, FOOD AND PUBLIC DISTRIBUTION
LOK SABHA**

UNSTARRED QUESTION NO:2359
ANSWERED ON:03.12.2007
USE OF FLY ASH IN CEMENT
Patil Shri Pratik Prakashbapu

Will the Minister of CONSUMER AFFAIRS, FOOD AND PUBLIC DISTRIBUTION be pleased to state:

- (a) whether some cement factories in Maharashtra are mixing Fly Ash received free from Thermal Power Station in the cement;
- (b) if so, whether this practice is allowed under the present norms; and
- (c) if so, whether any assessment has been made regarding its impact on health and quality of construction; and
- (d) if so, the details and outcome thereof?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE AND THE MINISTER OF STATE IN THE MINISTRY OF CONSUMER AFFAIRS, FOOD AND PUBLIC DISTRIBUTION(SHRI TASLIMUDDIN)

(a) & (b): The use of fly ash in the manufacturing of cement is allowed under the provisions of the relevant Indian Standards as it enhances the quality and performance of cement/concrete. Fly ash is mostly used in the manufacturing of Portland Pozzolana Cement –Fly ash based as per Indian Standard IS 1489(Part 1):1991. There are eight manufacturers of above mentioned cement in Maharashtra having valid licence from Bureau of Indian Standards (BIS).

(c) & (d): Evaluation of Fly Ash from health hazard point of view is done by Atomic Energy Regulatory Board and Department of Atomic Energy. It has been confirmed that Fly Ash is not hazardous for the health. Atomic Energy Regulatory Board has no objection in allowing these materials being used for construction purposes. The quality of construction, be it masonry work or concrete constructions, depends upon factors such as design, raw materials, constructional practices and supervision. Cement, being one of the raw materials, apart from fine aggregate, coarse aggregate, steel reinforcement etc., the quality of cement forms one of the several parameters for assuring quality of construction.